

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008986**Date Inspected:** 30-Aug-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi jiang/SunWei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

BAY#1

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 021 located on FB204-047. Welder is identified as 216575. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 028 located on FB204-045. Welder is identified as 216575. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#2

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 009 located on FB3067-002. Welder is identified as 045209. ZPMC QC is identified as Zhang Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 012 located on FB3067-002. Welder is identified as 045209. ZPMC QC is identified as Zhang Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable

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WPS.

S.A.W. welding of weld joint number 117 located on FB3006-001. Welder is identified as 250050. ZPMC QC is identified as Zhang Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#5

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 004 located on TR11A-005. Welder is identified as 217805. ZPMC QC is identified as Xu Hong Min. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 003 located on TR11B-002. Welder is identified as 217805. ZPMC QC is identified as Xu Hong Min. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Whitehead,Lonnie	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
